



PRODUCT-DETAILS

3GAA093001-BSE

M2AA 90S 6

General Information

Product ID	3GAA093001-BSE
ABB Type Designation	M2AA 90S 6
Catalog Description	M2AA 90S 6

Additional Information

ABB Type Designation	M2AA 90S 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	925 r/min	2.30 A	0.640	71.50 %	7.70 N·m	3.60
D	--	50 Hz	230 V	0.75 kW	925 r/min	4.00 A	0.640	71.50 %	7.70 N·m	3.60
Y	--	50 Hz	415 V	0.75 kW	930 r/min	2.40 A	0.600	70.00 %	7.70 N·m	3.70
Y	--	60 Hz	460 V	0.75 kW	1140 r/min	2.00 A	0.590	76.50 %	6.20 N·m	4.30

Gross Weight	16 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 70.0 % Partial Load (75%) 68.0 % Partial Load (50%) 61.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 76.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 90S 6
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece

Number of Poles (High)	6
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	13 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA093001-BSA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors